

# BOGIE TEST BENCH

15+15 TONS / 20+20 TONS

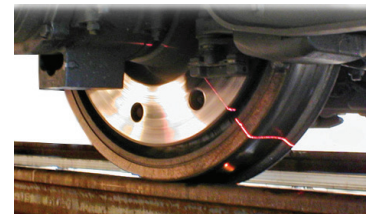
## ACCORDING TO DIN 25043-7 STANDARD

Easydur Bogie test bench has been designed to allow our customers to test all different kind of Bogies (Passenger trains, Cargo trains, Metros, Trams). Our great know-how in spring testing makes our bogie compression system the real Plus of our machine. We are able to simulate, with maximum accuracy, real-life forces and weights of all kind of vehicles. Thanks to Easydur homemade design, based on 100% internal mechanical drawings, our customers can perform all maintenance operations on bogies with great ease.

We are able to supply several optional tools that can be integrated in our system for all measurement needs. We point out that Easydur Bogie test bench is equipped with two electric or hydraulic pressers, with optional "chasse" test device. According to customer needs, Easydur can realize a pit version or an overfloor version.



*Level Unit*



*Interfaceable wheel profiles and diameters measurement*

## OPTIONAL TESTING FUNCTIONS

- Measuring of wheel diameters (manual or automatic)
- Leakage of pneumatic springs and air-brake system
- Measuring of axle impedance
- Wheel distance measuring
- Axle angle
- Diagonal axle distance
- Wheels movements under load
- Wheels profile
- Level unit for Z height measuring
- Spring profile analysis (by camera)
- Bogie weight
- Automatic X-axis movements of the pressers along the crossbar

## TECHNICAL DATA

- Max height:** 4000 mm (customizable)
- Max width:** 5000 mm (customizable)
- Max depth:** 6120 mm (customizable)
- Pressers distance:** from 1200 to 3000 mm
- Electric axle max stroke:** 500 mm
- Working test height:** 2000 mm
- Minimum division:** 0.005 mm
- Working test width:** 4000 mm
- Standard Loads:** 15+15 / 20+20 Tons
- Precision class:** 0.5
- Chasse offset:** 50+50 mm
- Data acquisition speed:** 1000 Hz

**EASYDUR SRL**

Via Maja 5 - 21051 Arcisate (VA) - Italy - Tel. +39 0332 203626 - Fax +39 0332 206710

[info@easydur.com](mailto:info@easydur.com) - [www.easydur.com](http://www.easydur.com)